

AAT Student:

GOT Student: Yes

DEGREE AND CERTIFICATION PLAN MULTIDISCIPLINARY STUDIES MAJORS (MD S) MATHEMATICS/SCIENCE--4-8 2000 Standards--MMSE

Name: _____
Last First Middle Maiden

Social Security Number: _____ Student ID Number: _____

Address: _____
Street or Box City State Zip

Phone number: _____ Cell phone number: _____

eRaider email address: _____

Other email address: _____

eRaider username: _____ Date of birth (mo./day/yr.): _____

TESTS REQUIRED TO BECOME CERTIFIED: TExES code: 110, 4-8 PPR
TExES code: 114, 4-8 Mathematics/Science

GENERAL EDUCATION REQUIREMENTS--33-43 hours

English--9 hours
1. _____ ENGL 1301--Essentials of College Rhetoric
Prerequisite: Successful completion of ENGL 0301 or a satisfactory score on SAT, ACT, or English Dept. writing sample
2. _____ ENGL 1302--Advanced College Rhetoric
Prerequisite: Successful completion of ENGL 1301
3. _____ ENGL 23 __ __

Visual and Performing Arts--3 hours
1. _____ MUSI 2301--Essential Elements of Music
OR any 3-hr. ART, MUHL, MUSI, TH A, or DAN course

History--6 hours
1. _____ HIST 2300--History of the U.S. to 1877
2. _____ HIST 2301--History of the U.S. Since 1877

Political Science--6 hours
1. _____ POLS 1301--American Govt., Organization
2. _____ POLS 2302--American Public Policy

Speech--3 hours (You must earn a C or better.)
1. _____ COMS 2300--Public Speaking
OR _____ COMS 1300--Intro. To Communication Studies
OR _____ COMS 3358--Business and Professional Communication

Multicultural--3 hours
1. _____ EDSE 2300--Schools, Society, and Diversity
OR _____ EDEL 2300--Schools, Society, and Diversity
OR _____ EDUC 1301 (AAT)

Humanities--Fulfilled by English courses

Foreign Language--0 to 10 hours
Two semesters of the same language or exempt with two years of the same foreign language in high school

Individual or Group Behavior--3 hours
1. _____ ANTH 1301--Understanding Multicultural America

Contact Ms. Gale Stocks, gale.stocks@ttu.edu, Education Office 365 for approvals in content area for all subjects.

MATHEMATICS/SCIENCE CERTIFICATION PLAN--4-8

CONTENT AREA--52 hours

Science Content Area--28 hours

1. _____ ASTR 1400--Solar System Astronomy
2. _____ ATMO 1300--Introduction to Atmospheric Science
3. _____ ATMO 1100--Atmospheric Science Laboratory
4. _____ BIOL 1401--Biology of Plants
5. _____ BIOL 1402--Biology of Animals
6. _____ CHEM 1305--Chemistry and Society I
Corequisite: CHEM 1105
7. _____ CHEM 1105--Experimental General Chemistry I (Laboratory)
Corequisite: CHEM 1305
8. _____ GEOL 1303--Physical Geology
9. _____ GEOL 1101--Physical Geology Laboratory
10. _____ PHYS 1401--Physics for Non-Science Majors

125-135 TOTAL DEGREE HOURS

Math Content Area--24 hours

1. _____ MATH 1320--College Algebra
Prerequisite: Score on the MPE of 3 or higher or a grade of B or better in MATH 0302 or credit for a college-level mathematics course
2. _____ MATH 2370--Elementary Analysis I
Prerequisite: MATH 1320
3. _____ MATH 2371--Elementary Analysis II
Prerequisite: MATH 1320
4. _____ MATH 3370--Elementary Geometry
Prerequisite: MATH 2370
5. _____ MATH 3371--Elements of Finite Mathematics
Prerequisite: MATH 2370
6. _____ MATH 3372--Math Modeling for Teachers
Prerequisite: MATH 2371
7. _____ MATH 4370--Elementary Problem Solving
Prerequisite: MATH 3370
8. _____ MATH 4371--Basic Computer Literacy and Programming
Prerequisite: MATH 2371 or 3371

TEACHER EDUCATION PROGRAM (TEP)--40 hours--Admission to the Teacher Education Program is required to take these courses. A minimum cumulative (Texas Tech and transfer) GPA of 2.5 is required for admission. Before applying to the Teacher Education Program, please note that you should have completed at least 50 hours on your certification/degree plan before you start taking TEP classes. Apply to the TEP at www.educ.ttu.edu/certification/online_apps.html. The application deadline is February 1 to begin education courses in the fall term. These courses must be taken as listed. All coursework must be complete before student teaching. No grade of D, F, or I will be accepted. Since this plan and the listed exams are subject to change, this plan should be completed within a period of three calendar years.

Block I--Fall

- _____ EDCI 3320--Middle-Level Curriculum and Philosophy
- _____ EDIT 3318--Applications of Technology in Education (**offered in fall, spring and summer**)
- _____ EPSY 3331--Adolescent Development: Applications for Middle-Level Classrooms

Block II--Spring

- _____ EDCI 3370--Teaching Mathematics at the Middle Level
- _____ EDCI 3375--Teaching Science at the Middle Level I
- _____ EDLL 3353--Reading at the Middle Level

Block III--Fall

- _____ EDBL 3205--Bilingual Programs and Language Issues at the Middle Level
 - _____ EDCI 4375--Integrated Mathematics and Science Methods
 - _____ EDLL 4381--Literacy in the Content Areas for Middle Level
 - _____ EDSP 3205--Learning and Special Populations
- OR** _____ EDUC 2301 (AAT)

Block IV--Spring

- _____ EDEL 4000--Student Teaching Middle Level (9 hours)
- _____ EDCI 4325--Classroom Organization and Management for the Middle Level

- ⇒ The State of Texas does criminal background checks on all applicants for Teacher Certification.
- ⇒ The undergraduate requirements and/or the certification requirements may change according to state regulations.

By signing below, I signify that I understand the contents of this document.

Student Signature: _____

Date: _____

Certification/Degree Advisor Signature: _____

Date: _____